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L1	81	703/6.ccls. and @pd>"20070101"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/07/01 13:46

EAST Search History

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L3	8	(optimiz\$7 same (pre-calculat\$4 or precalculat\$4)) and optimiz\$4.ab. and @pd>"20070101"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/07/01 14:23


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optimize lookup

1950

- 2000

Search

Ad
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DAG-Map: graph-based FPGA technology mapping for delay optimization - all 7 versions »

KC Chen, J Cong, Y Ding, AB Kahng, P Trajmar - Design & Test of Computers, IEEE, 1992 - ieeexplore.ieee.org

... logic blocks with either K-input RAM/ROM look- up tables (K ... a graph-based technology-mapping algo- rithm for delay optimization in lookup tablebased FPGA ...

[Cited by 86](#) - [Related Articles](#) - [Web Search](#) - [Library Search](#)

On fast address-lookup algorithms - all 7 versions »

HHY Tzeng, T Przygienda - Selected Areas in Communications, IEEE Journal on, 1999 - ieeexplore.ieee.org

... Internet, McKeown et al. propose to **optimize lookup** times through the introduction of large memories [12]. The underlying structure ...

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Using principle patterns to optimize real-time ORBs - all 7 versions »

I Pyarali, CO'Ryan, D Schmidt, N Wang, AS Gokhale, ... - IEEE Concurrency, 2000 - computer.org

... level on the time required to **look up** the appropriate POA. ... Optimizing servant-based lookups. ... As we described earlier, TAO's **lookup** strategies provide efficient ...

[Cited by 42](#) - [Related Articles](#) - [Cached](#) - [Web Search](#) - [BL Direct](#)

[PS] Efficient Search in Extensible Database Query Optimization: The Volcano Optimizer Generator - all 2 versions »

WJ McKenna - 1993 - cse.iitb.ac.in

... A solution to this problem is to drive the search top-down (goal-driven) and only **optimize** those subexpressions which can possibly contribute to the overall ...

[Cited by 16](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#) - [Library Search](#)

Optimizing ML with run-time code generation - all 19 versions »

P Lee, M Leone - Proceedings of the ACM SIGPLAN 1996 conference on ..., 1996 - portal.acm.org

... Instructions must be copied from the template during code generation, and table **lookup** is ... The result of this **optimization** is code for a specialized one- ...

[Cited by 151](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

[PS] Learning Evaluation Functions for Global Optimization - all 11 versions »

JA Boyan - 1998 - cs.cmu.edu

... 3. Clearly, automatic methods for building evaluation functions offer the potential both to save human effort and to **optimize** search performance more effectively. ...

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Measuring and optimizing CORBA latency and scalability overhigh-speed networks - all 14 versions »

AS Gokhale, DC Schmidt - Computers, IEEE Transactions on, 1998 - ieeexplore.ieee.org

... we applied active demultiplexing and perfect hashing to **optimize** demultiplexing in ... performance with the worst-case performance of linear-search demultiplexing ...


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[J Hollingswort...](#)
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[B Miller](#)
[M Goncalves](#)
[O Naim](#)

[MDL: A Language and Compiler for Dynamic Program Instrumentation - all](#)

[12 versions »](#)

JK Hollingsworth, BP Miller, M JR Goncalves, O Naim ... - International Conference on Parallel Architectures and ..., 1997 - doi.ieeecomputersociety.org

... current compilers. In some cases, this forces us to de-**optimize** small parts of code at run-time so that we can insert instrumentation. ...

[Cited by 80 - Related Articles - Web Search](#)

[Optimization of Monte Carlo codes using null collision techniques for experimental simulation at low ... - all 2 versions »](#)

MJ Brennan - Plasma Science, IEEE Transactions on, 1991 - ieeexplore.ieee.org
... collision frequency c " which is greater than the Page 2 BRENNAN: OPTIMIZATION OF MONTE ... to a simulation for a given value of E/N to **precalculate** unique values ...

[Cited by 13 - Related Articles - Web Search](#)

[A case study in parallel computing: I. Homogeneous turbulence on a hypercube - all 4 versions »](#)

E Jackson, ZS She, SA Orszag - Journal of Scientific Computing, 1991 - Springer
... Issues related to the basic efficient parallelization of the algorithm on a hypercube are discussed, as well as **optimization** issues specific to the iPSC/860 ...

[Cited by 21 - Related Articles - Web Search](#)

[Take Command](#)

A Vaught - Linux Journal, 1998 - portal.acm.org

... is of course to use the -O flag of gcc to **optimize** the code ... If we **precalculate** these values into the tcentr() array, four array references, three floating-point ...

[Web Search](#)

[Using Automatic Memoization as a Software Engineering Tool in Real-World AI Systems - all 11 versions »](#)

J Mayfield, M Hall, T Finin - Proceedings of the 11th Conference on Artificial ... , 1995 - doi.ieeecomputersociety.org

... this type of memoization beyond providing the ability to **pre-calculate** a function ... provides a quick but rough method for determining which routines to **optimize** ...

[Related Articles - Web Search](#)

[Making Information Sources Available for a New Market in an Electronic Commerce Environment - all 13 versions »](#)

S Pulkowski - Proceedings of the International Conference on Management of ... , 1999 - cg.cs.tu-bs.de

... During the following requests, this data can be used to **optimize** the query and **pre-calculate** expected costs in the planner module. Page 17. The Planner ...

[Cited by 10 - Related Articles - View as HTML - Web Search](#)

[Monte Carlo based phase-space evolution for electron dose calculation - all 3 versions »](#)

D Scora, BA Faddegon - Medical Physics, 1997 - link.aip.org

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2. On fast address-lookup algorithms

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Nen-Fu Huang; Shi-Ming Zhao; Jen-Yi Pan; Chi-An Su;
[INFOCOM '99, Eighteenth Annual Joint Conference of the IEEE Computer and Communications Societies](#)
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Chiueh, T.; Pradhan, P.;
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Digital Object Identifier 10.1109/INFCOM.1999.752162

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5. Routability-driven technology mapping for lookup table-based FPGA's

Schlag, M.; Kong, J.; Chan, P.K.;
[Computer-Aided Design of Integrated Circuits and Systems, IEEE Transactions on](#)
Volume 13, Issue 1, Jan. 1994 Page(s):13 - 26